

Outreach and Communications



**ESRL Physical Sciences Division
Science Review
May 12-14, 2015**

PSD Outreach and Communications Activities

Name	Type	Activity/Title/Name	Outlet/Location	Date
Michael Alexander	Internal	Presented talks entitled "Climate models and climate scenarios" and "The General Climate response along the east coast of North America"	National Marine Fisheries Service's (NMFS), Northeast Region's (NERO) Protected Resources Division Climate Change Workshop	7/16/2012
Joseph Barsugli	Outreach	FEMA Colorado Resilience Working Group	Denver, CO	
Joseph Barsugli	Training	COSEE West Secondary School Science Teacher Training on Climate Change	Boulder, CO	Summer 2012, 2011
Joseph Barsugli	Outreach	Front Range Climate Change Vulnerability Working Group; presentations on climate modeling for water managers	Colorado	2008-ongoing
Alfred Bedard	Outreach	On the Board of Directors for the Colorado State Science and Engineering Fair representing NOAA (Past President)	Colorado	Current
Alfred Bedard	Outreach	Judge at the Colorado Science and engineering fair for the DOC internship award	Colorado	Current
Alfred Bedard	Outreach	Judge at the Colorado Science and engineering fair for the NOAA Pulse of the Planet award	Colorado	Current
Alfred Bedard	Outreach	Assisting a Senior Design Team at the University of Colorado with their project to measure low-frequency sound waves from a high-altitude balloon.	Colorado	Current
Antionietta Capotondi	Media	Interviewed for Nature Climate Change News and views "Extreme La Nina events to increase"	Linda Carroll, NBC News	1/21/2015
Antionietta Capotondi	Media	Interviewed for Nature Climate Change News and views "Extreme La Nina events to increase"	Brian Kahan, Climate Central	1/21/2015
Antionietta Capotondi	Media	Interviewed for Nature Climate Change News and views "Extreme La Nina events to increase"	Warren Cornwall, National Geographic	1/26/2015
Antionietta Capotondi	Resource	Invited panel member for evaluating the NCAR CAM5.5	NCAR, Boulder, CO	10/2014 to present
Antionietta Capotondi	Resource	Co-chair, US CLIVAR working group on ENSO Diversity		2012-present
Antionietta Capotondi	Training	HMT-SEPS Data and Model Forecast Training Webinar	NOAA, Boulder, CO	7/31/2013
Gilbert Compo	Outreach	Curator, Science on a Sphere dataset, Precipitable Water - Antarctic Expedition - 1902 - 1903	NOAA/ESRL, Boulder, CO	7/1/2014

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Gilbert Compo	Outreach	Curator, Science on a Sphere dataset, Precipitable Water - El Nino - 1917 - 1919	NOAA/ESRL, Boulder, CO	7/1/2014
Gilbert Compo	Outreach	Curator, Science on a Sphere dataset, Precipitable Water - Galveston Hurricane - 1900	NOAA/ESRL, Boulder, CO	7/1/2014
Gilbert Compo	Media	Interviewed for "The Weather isn't getting weirder," Wall St. Journal opinion	Wall Street Journal	2/10/2011
Gilbert Compo	Media	Letter to the editor "Severe weather is driven by many factors"	Wall Street Journal	2/23/2011
Gilbert Compo	Media	Interviewed for "Old Weather is Shedding New Light on Climate"	Climate Central	2/4/2011
Gilbert Compo	Media	Interviewed for "Old ship logs fill in weather history of past 250 years"	USA Today	11/25/2010
Gilbert Compo	Media	Interviewed for "CU-Boulder-led study confirms warming without thermometers"	Daily Camera	4/11/2013
Gilbert Compo	Media	Interviewed for "New Method Proves Again Climate Change Is Real"	Scientific American	4/10/2013
Gilbert Compo	Media	Interviewed for Podcast "Powering the 20th Century Weather Reanalysis Project"	HPCwire Soundbite	3/10/2014
Gilbert Compo	Outreach	8th grade advanced science lecture on global warming and reanalysis	Louisville Middle School, Louisville, CO	4/4/2013
Gilbert Compo	Resource	Email support of software for wavelet analysis - about 5 emails a month from students and researchers	University of Colorado, Boulder, CO.	1998 to present
Gilbert Compo	Internal	NOAA Climate Program Office MAPP Webinar	Webinar	6/4/2014
Gilbert Compo	Decision/Policy Makers	National User Facility Organization Exhibition to Congress. Briefed congressional staff members and representatives, including Senator Feinstein staff and Colorado Springs representative Doug Lamborn on the 20th Century Reanalysis.	Washington DC	4/11/2011
David Costa	Internal	70 Seconds of Science The Vital Role of Engineers.	DSRC Boulder, CO	
Christopher Cox	Public Outreach	Public Lecture	Barrow, AK	10/1/2013
Lisa Darby	Outreach	Developed and presented a water allocation game for elementary school-aged summer camp kids (other PSD presenters included B. DeLuisi and J. Intrieri)	Boulder, CO	August 2014
Gijsde Boer	Outreach	Public Lecture	Barrow, AK	4/1/2013
Gijs de Boer	Outreach	Elementary and High School visit	Barrow, AK	4/1/2014
Barbara DeLuisi	Public Outreach	Annual 8th Grade Science Day Event	NOAA, Boulder, CO	2010-present
Barbara DeLuisi	Public Outreach	Bring Your Child to Work Day Event	NOAA, Boulder, CO	April 2010

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Barbara DeLuisi	Public Outreach	Earth Day Event	NOAA, Boulder, CO	2011-2012
Barbara DeLuisi	Public Outreach	Boulder County Fair Super Science Day - Activities for Kids	Longmont, CO	2012-2014
Barbara DeLuisi	Public Outreach	Denver Public Schools Career Day - Exhibit Booth	Denver, CO	2012 and 2014
Barbara DeLuisi	Public Outreach	Colorado Science Teachers Convention - Exhibit Booth	Denver, CO	
Christopher Fairall	Outreach	Presentation for CU/CIRES/COSEE program for teachers	Boulder, CO	2009
Christopher Fairall	Outreach	Hosted NOAA Teacher-in-the-Lab	NOAA, Boulder, CO	2009
Leslie Hartten	Public Outreach	Science Fair Judge	Eisenhower Elementary, Boulder, CO	Feb. 2010, April 2012, Nov. 2012, Nov. 2013, Feb. 2015
Leslie Hartten	Public Outreach	30-minute Weather Briefing	Internet2 Global Summit Annual Meeting, Denver, CO (Note: Internet2 is one of NOAA's partners in the N-Wave and X-Wave network programs)	4/10/2014
Leslie Hartten	Internal	Presenter Daily Weather Briefing	NOAA/ESRL, Boulder, CO	Ongoing, about 2x/month
Chengmin Hsu	Resource	Creation of the user guide for operating the distributed hydrologic model in the Community Hydrologic Prediction System-Flood Early Warning System (CHPS-FEWS)	ESRL, Boulder, CO	5/12/2014 - 5/23/2014
Mimi Hughes	Outreach	Elementary school science fair	Campbell elementary, Arvada, CO	March 2013, March 2014, March 2015
Darren Jackson	Outreach	Elementary school visits regarding water cycle	Prospect Ridge Academy, Broomfield, CO	2012-2014
Paul Johnston	Outreach	Guest Lecture on radars with emphasis on Snow Level Radars	Plymouth State University Meteorology Department	11/20/2014
David Kingsmill	Public Outreach	Exhibit Development with Exploratorium	San Francisco, CA	2010-present
David Kingsmill	Outreach	Guest lecture on orographic precipitation	University of Colorado	11/11/2014
Kelly Mahoney	Outreach	Invited panelist, National Science Foundation Atmospheric and Geospace Sciences Post-Doctoral Fellowship Workshop Career Panel: "Post Post-Doc: What Are The Next Steps and Ways Forward?"	NCAR, Boulder CO	4/1/2013
Kelly Mahoney	Outreach	Invited panelist, CIRES "Think Outside the Lab; Six Exciting Alternative Careers in Science."	University of Colorado, Boulder, CO.	3/6/2013
Kelly Mahoney	Outreach	Boulder Valley School District NOAA Science Days Presenter: 2013 Front Range Flood: Was it a 100-year Storm?	NOAA/ESRL, Boulder, CO	2/14/2014

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Kelly Mahoney	Outreach	Invited panelist, Severe Flooding on the Colorado Front Range: Flood Expert Panel and Community and Media Outreach	CIRES, CU Boulder CO	9/25/2013
Kelly Mahoney	Media	Many interviews via television, radio, online, newspaper outlets regarding 2013 Front Range floods	Various including: National Geographic; The Weather Channel; ClimateWire; Reuters; Colorado Public Radio; Boulder Daily Camera, Denver Post; many other local news outlets (radio, TV, and newspapers)	
Kelly Mahoney	Media	Many interviews regarding HMT-Southeast field study	Various including: North Carolina Associated Press; High Country News; many other local news outlets (radio, TV, and newspapers)	
Katherine McCaffrey	Outreach	NCAR CGD seminar	NCAR, Boulder, CO	Sept 2014
Katherine McCaffrey	Outreach	CO Science and Engineering Fair Grand Awards Judge	CSU, Fort Collins, CO	4/1/2015
Donald Murray	Public Outreach	Annual 8th Grade Science Day Event	NOAA, Boulder, CO	
Donald Murray	Outreach	SOS visualizations on atmospheric rivers and drought	AMS Annual Mtg.. Phoenix, AZ	
Matthew Newman	Media	Interviewed for "Extreme El Niños to become more frequent with climate change -- study"	Climate Wire	1/21/2014
Matthew Newman	Media	Interviewed for "Wedge of warm seawater known as 'the blob' blamed for marine havoc"	LA Times	4/15/2015
Matthew Newman	Internal	Is the PDO a Useful Predictor of North American Climate?	NWS Climate Services Division Seminar Series	7/10/2013
Matthew Newman	Outreach	Presentation: "Pacific Decadal Oscillation and why should you care?"	MDA Weather Services Annual Energy Conference	11/29/2012
Imtiaz Rangwala	Outreach	Webinar & Newsletter	Boulder, CO	Oct 2014
Imtiaz Rangwala	Outreach	Science and Filmmaking Outreach with Earth Explorers	Westview Middle School, Longmont, CO	Spring 2014
Imtiaz Rangwala	Outreach	High school climate change curriculum development	Mountain Studies Institute, Durango & Silverton, CO	2012-2014
Imtiaz Rangwala	Outreach	Reviewer and advisor; Climate change report prepared for the city of Aspen, Colorado	Aspen Global Change Institute, Aspen, CO	2013-2014
Imtiaz Rangwala	Outreach	Member and contributor to a "A Global Campaign to Understanding Elevation Dependent Warming (EDW)"	Mountain Research Initiative, Switzerland	Ongoing since 2013
Andrea Ray	Training	Climate expert on the teaching team for the pilot course for on "Addressing Climate-related Uncertainty in Natural Resource Management," a joint effort between NOAA, FWS & USGS	USFWS National Conservation Training Center, Shepherdstown, WV	2/1/2013

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Andrea Ray	Outreach	Host for University of Chicago Career Trek; ~30 students visited NOAA	NOAA/ESRL, Boulder, CO	12/11/2011
Matthew Shupe	Outreach	Elementary and High School presentations on Arctic research	Chinook West & Nederland Elementary	2011-2014
Matthew Shupe	Outreach	Guest lectures	University of Colorado	Nov 2014
Catherine Smith	Outreach	Presented Colorado weather information to classes at an elementary school	Boulder, CO	Apr 2013, Sep 2014
Ryan Spackman	Media	AGU Press Workshop: Refilling California's reservoirs – the storm/aerosols connection	AGU Fall Meeting, San Francisco, CA	12/18/2014
Ryan Spackman	Media	CalWater 2015 Media Coverage: Interviews with television, radio, and newspapers including co-leading Media Day on 3 Feb 2015	LA Times, CBS This Morning, NBC National, Denver Post, NPR Science Friday, Southern California Public Radio, KQED Public Radio, Sacramento Bee, Wired Magazine, and other California TV news outlets	1/15 - 2/24/2015
Ryan Spackman	Media	CalWater 2014 Media Coverage: Interviews with Newspapers	San Jose Mercury News and other outlets	2/10/2014
Ryan Spackman	Media	CalWater 2015 Media Activities: Hosted LA Times reporter and CBS National Correspondent on NOAA P-3 aircraft research flights in atmospheric rivers during CalWater 2015	McClellan, CA	2/6 - 2/8/2015
Ryan Spackman	Public Outreach	Calwater 2014/2015 Outreach Activities: Hosted interagency tours of base operations and research aircraft	McClellan, CA and Honolulu, HI	1/15 - 2/24/2015
Ryan Spackman	Internal	All-Hands Briefings at NOAA Aircraft Operations Center	MacDill AFB, Tampa, FL	4/2014, 1/2015
Ryan Spackman	Resource	CalWater website, public relations handouts, science plan, and GEWEX newsletter article	Boulder, CO	7/2011 - 2/2015
De-Zheng Sun	Media	Interview by AGU on Monograph "Climate Dynamics: Why Does change?"	AGU/EOS	
Allen White	Outreach	SOS demonstration on atmospheric rivers	AMS Annual Mtg., Phoenix, AZ	1/1/2015
Allen White	Training	HMT-SEPS Observations and Forecast Utility Briefing and Discussion	NOAA, Boulder, CO	11/15/2013
Allen White	Media	CalWater 2015 Media Coverage	Sacramento, CA and NOAA, Boulder, CO	Jan-Feb 2015
Allen White	Internal	PSD Seminar: NOAA's Rapid Response to the Howard A. Hanson Dam Flood Risk Management Crisis	NOAA, Boulder, CO	4/25/2012
Allen White	Resource	HMT News contributions	NOAA, Boulder, CO	Ongoing
Gary Wick	Media	HS3 Media Day	Wallops, VA	Sep 2013
Gary Wick	Internal	NOAA Science Days (w/ Robbie Hood)	NOAA	May 2013

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James Wilczak	Public Outreach	Public Lecture	Chautauqua Science Series, Boulder, CO	3/5/2013
Daniel Wolfe	Outreach	Science and Filmmaking Outreach with Earth Explorers	Boulder, CO Westview Middle School	Feb-May 2014
Daniel Wolfe	Outreach	Guest lecture	University of Colorado, CIRES	3/4/2013
Daniel Wolfe	Outreach	Elementary school science fair - judge	Peak Charter School	5/1/2014
Daniel Wolfe	Outreach	Elementary school science fair - judge	Little Elementary Arvada, CO	4/16/2015
Daniel Wolfe	PSD talk	BAO: More Than Just a Tall Tower	DSRC Boulder, CO	6/26/2013
Valery Zavorotny	Outreach	Elementary school learning fair - judge	Ryan Elementary, Lafayette, CO	3/1/2013